

ENDANGERED SPECIES ACT PROGRAMS

The listing of coho and Chinook salmon and steelhead as “threatened” under the federal Endangered Species Act has introduced a new regulatory environment within the watershed. Virtually all activities within the watershed are affected, including agriculture, water supply, hydroelectric generation, recreation, forestry and waste management. The Russian River Section 7 Consultation, and its resulting Biological Assessment and Biological Opinion, will facilitate compliance with new regulatory requirements, ultimately resulting in improved in-stream and riparian habitat for the listed species. The following projects are designed to support compliance with the Endangered Species Act.

NORTH BAY KRIS PROGRAM

Estimated Project Cost:
\$500,000

DESCRIPTION:

- Create KRIS database coverage for the Bay Area and South Coast portions of the North-central California Coast Recovery Planning Domain left out of the North Coast Watershed Assessment Program
- The North Bay KRIS (Klamath Resource Information System) Program will provide the National Marine Fisheries Service and California Department of Fish and Game with a valuable tool for use in Recovery Planning for the North-central California Coast Recovery Planning Domain
- Windows-based computer program that integrates and allows easy access to maps, data tables, charts, photographs and research materials relevant to fisheries, water quality and watershed management
- Assembles data in an easy-to-use format and permits users to analyze and evaluate changes and trends in watershed conditions over time
- Currently being used as an information management tool by state agencies for a number of other north coast watersheds and will provide a unified platform for data review and analysis for watersheds from the Oregon border to the Golden Gate
- Information contained in the North Bay KRIS program will be available via the internet
- The internet site will provide custom mapping capabilities using ARCIMS or similar software

PROJECT GOAL

Provide a database of existing information relevant to fisheries, water quality and watershed management for Sonoma, Marin and portions of Mendocino counties. The database will be used by resource managers to focus restoration efforts and define factors affecting salmonid abundance.

POTENTIAL PARTNERSHIPS:

- California Coastal Conservancy
- California Department of Fish and Game
- California Regional Water Quality Control Board, North Coast Region
- California Regional Water Quality Control Board, San Francisco Bay Region
- Institute for Fisheries Resources
- National Marine Fisheries Service
- Sonoma County Water Agency
- University of California, Bodega Marine Laboratory

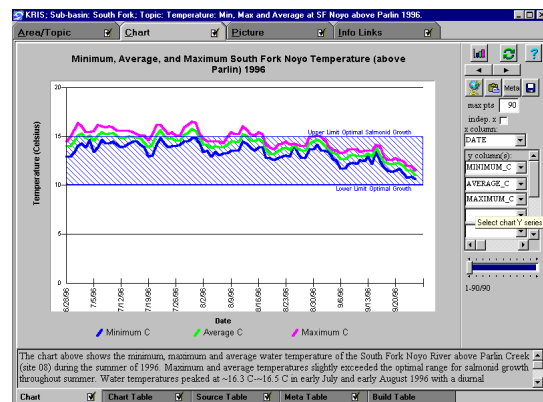
NORTH BAY KRIS PROGRAM

The North Bay KRIS database will include information on separate watersheds in the northern portion of the Planning Domain: the Navarro and Garcia Rivers and immediately adjacent minor streams; the San Pablo Bay excluding the Napa River; the Russian River; as well as coastal watersheds of Marin and Sonoma counties including Salmon Creek, Bodega Bay, and Tomales and Drakes bays.



North Bay KRIS Program Coverage

The Program content is being developed in consultation with the National Marine Fisheries Service and California Department of Fish and Game staff responsible for developing recovery plans for the North-central California Recovery Planning Domain. It will augment similar efforts being conducted by the State of California Resources Agency, and has the support of the National Marine Fisheries Service, California Department of Fish and Game, and the Regional Water Quality Control Board, North Coast Region. The State of California Resources Agency is using the KRIS system to create a salmon watershed restoration information base for all the coastal watersheds north of southern Mendocino County.



KRIS Software Interface